ThinkCentre E73 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Pentium G3220	2 / 2	3 GHz	3 MB	DDR3-1333	Intel HD
Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD
Pentium G3250	2 / 2	3.2 GHz	3 MB	DDR3-1333	Intel HD
Pentium G3420	2 / 2	3.2 GHz	3 MB	DDR3-1600	Intel HD
Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	HD 4400
Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	HD 4400
Core i3-4150	2 / 4	3.6 GHz	3 MB	DDR3-1600	HD 4400
Core i5-4430S	4 / 4	2.7 GHz / 3.2 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4440S	4 / 4	2.8 GHz / 3.3 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4570S	4 / 4	2.9 GHz / 3.6 GHz	6 MB	DDR3-1600	HD 4600
Core i7-4770S	4 / 8	3.1 GHz / 3.9 GHz	8 MB	DDR3-1600	HD 4600
Core i7-4790S	4 / 8	3.2 GHz / 4 GHz	8 MB	DDR3-1600	HD 4600

Memory

16GB max, **UDIMM**, **PC3-12800 1600MHz DDR3**, two 240-pin DIMM sockets
*System automatically clocks down for processors with 1333MHz memory controller

Disk

Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm
Some: 500GB (5400 rpm, 2.5" wide) or 1TB (7200 rpm, 3.5" wide) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar

Media reader

Optional 9-in-1 media reader, internal USB 2.0

Graphics

Intel HD Graphics or **Intel HD Graphics 4400/4600** in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display;
Maximum resolution: 2560x1600 (DisplayPort)@60Hz;
1920x1200 (VGA)@60Hz (Reduced Blanking)
Some: **NVIDIA® Geforce® GT 620**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts;
Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz

DP cable

None

Chipset

Intel H81 Chipset

Front ports

Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports

Two USB 3.0, two USB 2.0, optional serial (9-pin)*, optional parallel (25-pin)*, ethernet (RJ-45), VGA DB-15, DisplayPort
** Please see the detailed configuration on top*
additional VGA, DisplayPort, or HDMI on optional graphic card on some models

Rear audio ports

Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek® ALC662 codec / internal speaker for business audio

WLAN[13]

Some: 11b/g/n, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1
Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1
Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + BT 4.0 combo adapter, 2x2
Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi/BT 4.0, 2x2

Bluetooth™

Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

None

Security features

- One lock to secure both cover and entire system to fixed object:
  - -Padlock loop (in rear for opt padlock)
  - -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo® Slim USB Keyboard (USB connector), black, Lenovo logo

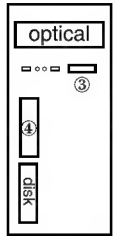
Mouse

Enhanced Optical USB Mouse, black, Lenovo logo

Mechanical

- Glossy black bezel; metal case
- 6.3" W X 15.7" D X 15.6" H (with handle)
- 160mm W X 400mm D X 397mm H
- 16.5 lb (7.5 kg) in maximum configuration
- Ergonomic rubberized handle
- Highlighted optical drive button for easy access

Bay 1: 5.25", 1.6" high, access, std optical
Bay 2: 3.5", 1" high, no access, std disk
Bay 3: 1.5", .35" high, access, optnl reader*
Bay 4: 3.5", 1" high, no access, opt 2nd 2.5" disk**
*bay only available on models with media reader installed
**3.5" to 2.5" bracket comes with optional 2nd 2.5" disk
Slot 1: half-length, full-height, PCI Express® 3.0 x16 (60w max)
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: half-length, full-height, PCIe 2.0 x1



Power supply

Some: 180 watts, universal, autosensing
Some: 180 watts, universal, autosensing, 85% PSU
Some: 280 watts, universal, autosensing, 85% PSU

Limited warranty[3]

Some: **1-years**, **limited onsite service** / service upgrades available
Some: **3-years**, **limited onsite service** / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system
Some: No operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit

Ready to install applications (only some listed)
- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Power Manager
- ThinkVantage Device Experience
- View Management Utility
- Lenovo Cloud Storage by SugarSync
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Evernote®
- Microsoft® Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Nitro Pro

Environment

ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);
EPEAT™ Silver rating (Need 85% PSU and Windows OS);
GREENGUARD® certified; RoHS-compliant; ErP Lot 3 (Need 85% PSU)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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